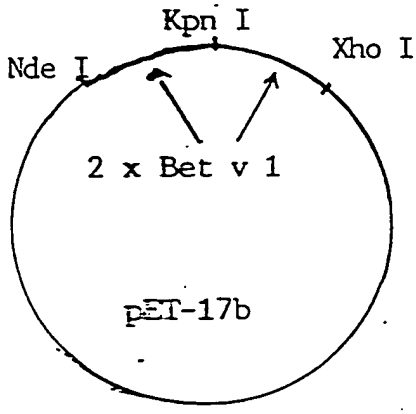
Fig. 1(A)

CONSTRUCTION OF THE BET V 1 POLYMERS

Bet v 1-Dimer

```
ATG.......AAC TTG GTA CCG ATG.....AAC TAA
Met        Asn Leu Val Pro Met      Asn End
   Bet v 1                    Bet V 1
```



Bet v 1-Trimer

```
ATG.....AAC TTG GTA CCG ATG.....AAC CCA CTA GTA ATG.....AAC
Met.....Asn Leu Val Pro Met.....Asn Pro Leu Val Met.....Asn
  Bet v 1                    Bet v 1                    Bet v 1

GGA TTC TGC AGA TAT CCA TCA CAC TGG CGG CCG CTC GAG CAG ATC
Glu Phe Cys Arg Tyr Pro Ser His Trp Arg Pro Leu Glu Gln Ile

CGG CTG CTA ACA AAG CCC GAA AGG AGG CTG AGT TGG CTG CTG CCA
Arg Leu Leu Thr Lys Pro Glu Arg Lys Leu Ser Trp Leu Leu Pro

CCG CTG AGC AAT AAC TAG
Pro Leu Ser Asn Asn End
```

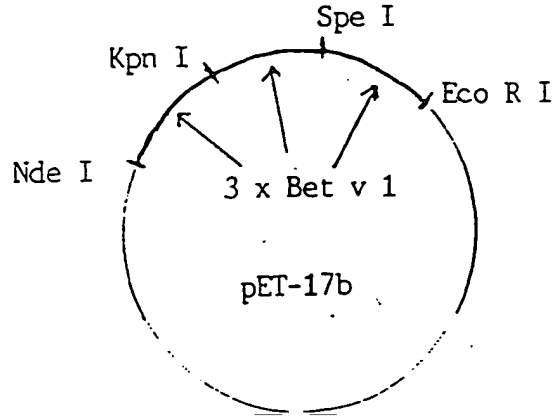
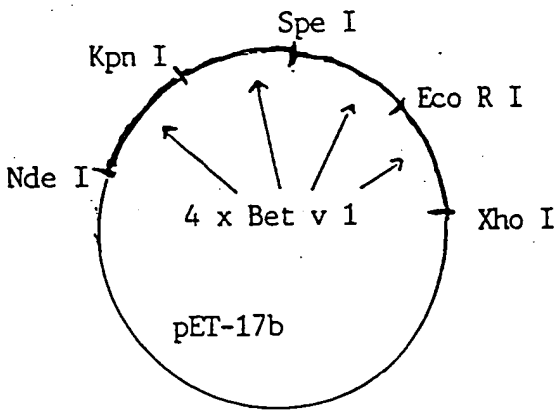


Fig. 1(B)

Bet v 1-tetramer

```
ATG.....AAC TTG GTA CCG ATG.....AAC CCA CTA GTA ATG.....AAC
Met.....Asn Leu Val Pro Met.....Asn Pro Leu Val Met.....Asn
  Bet v 1                  Bet V 1                  Bet v 1

GAA TTC ATG.....AAC TAA
Glu Phe Met.....Asn End
          Bet v 1
```



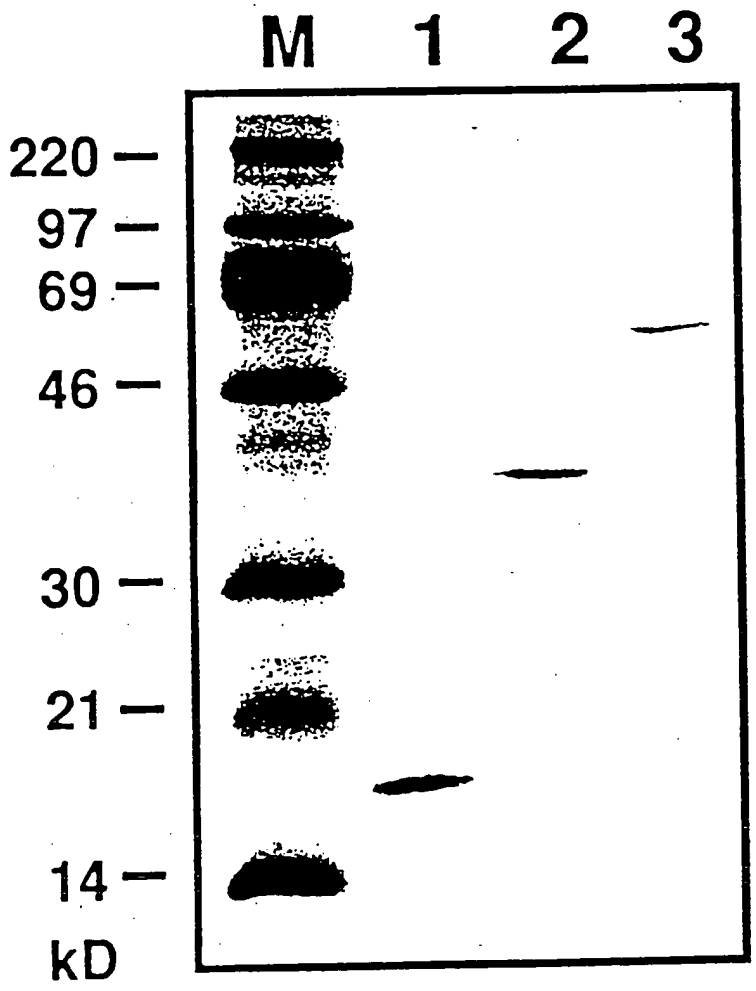


Fig. 2

Fig-3(A)

Fig 3(B)

Fig. 3(c)

Monomer

Dimer

Trimer

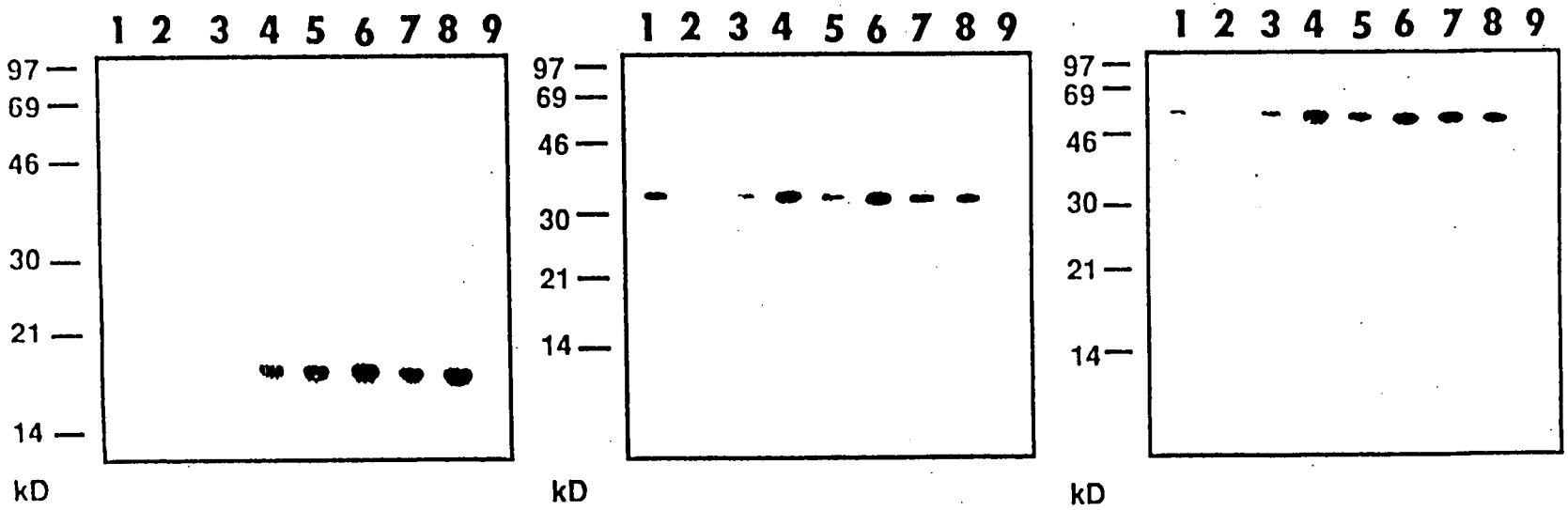


Fig. 2

Fig. 4(A)

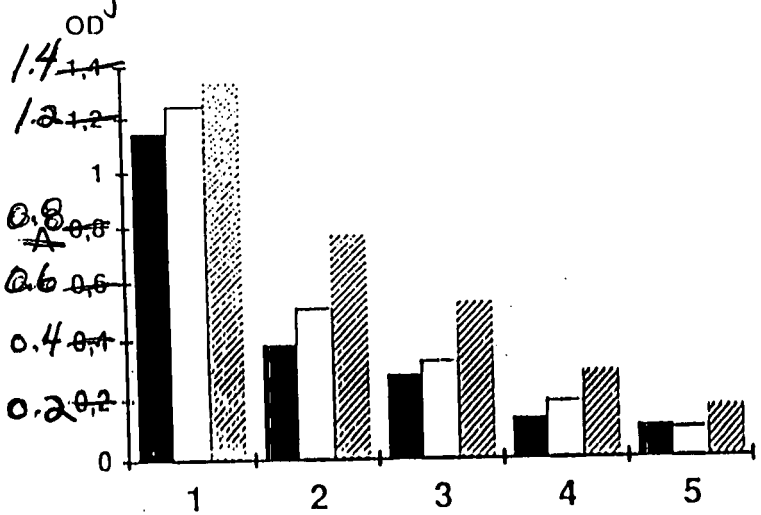


Fig. 4 (B)

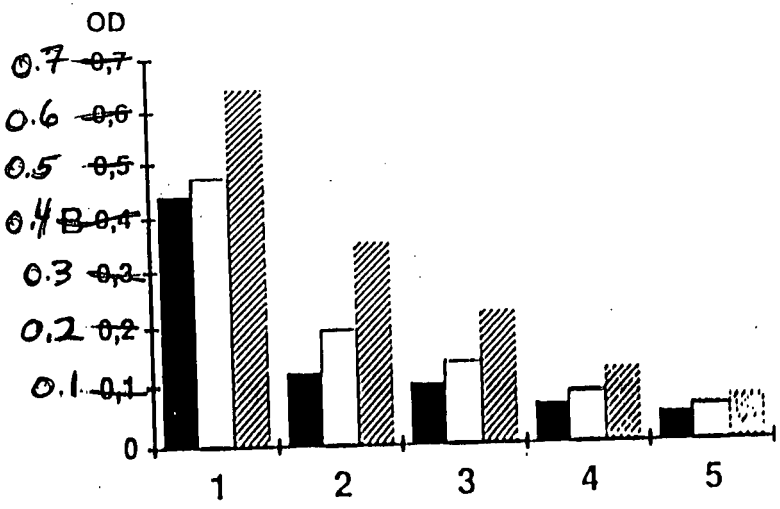


Fig. 4(C)

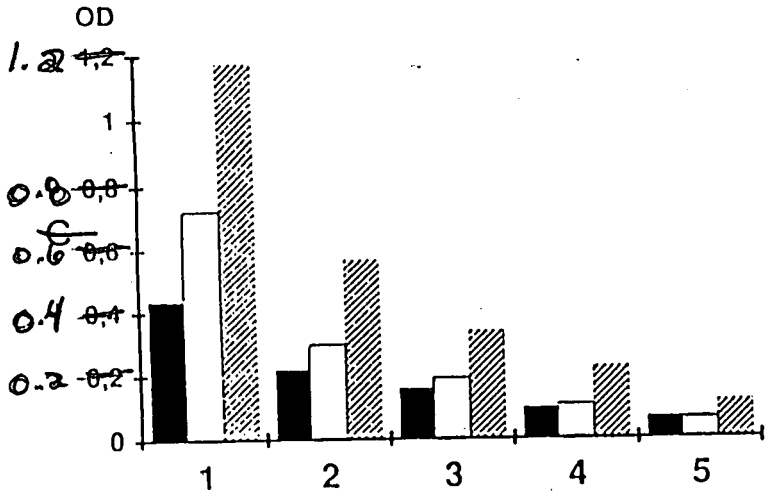
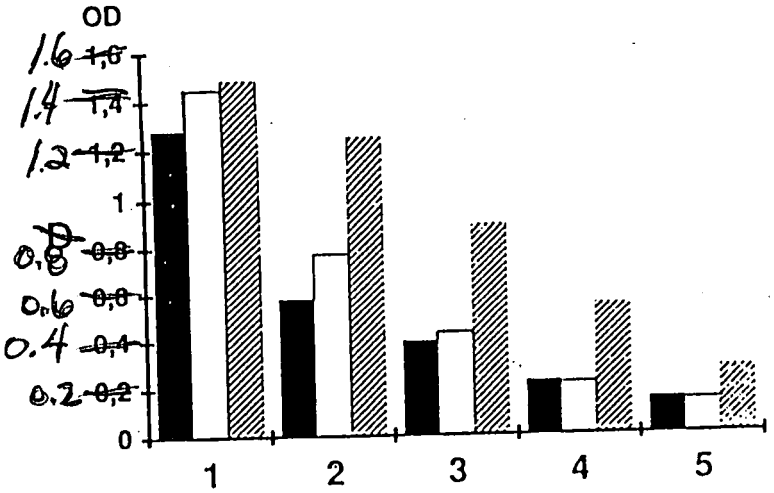


Fig. 4 (D)



~~Fig. 3~~

C.I.P.O. - OTTAWA

Fig. 5(A)

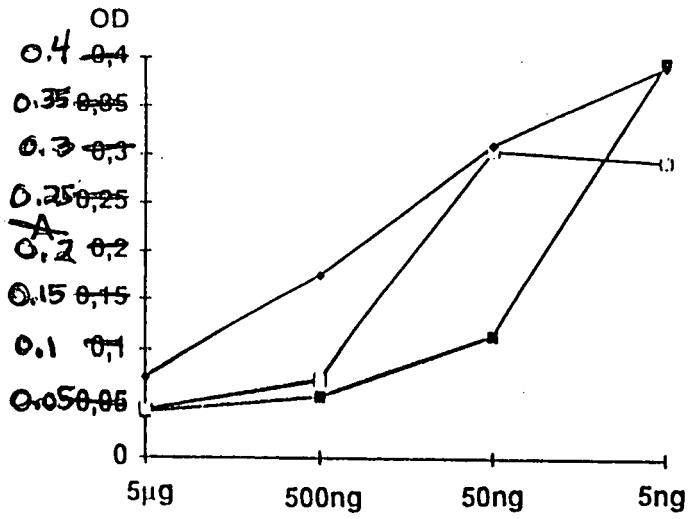


Fig. 5(B)

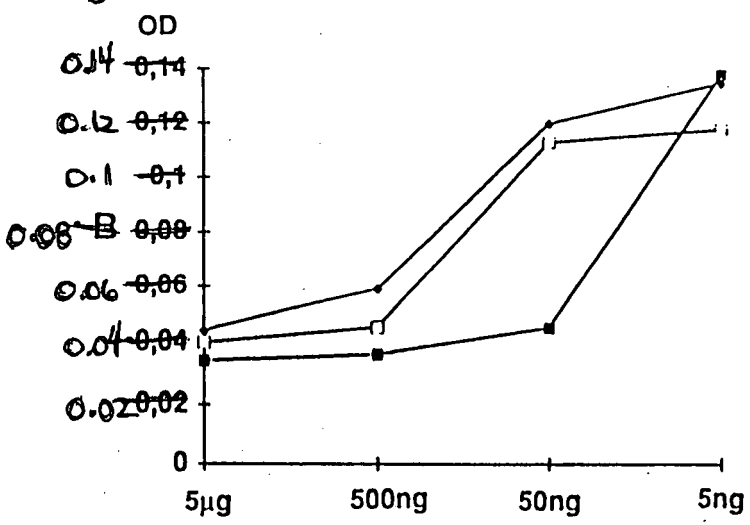


Fig. 5(C)

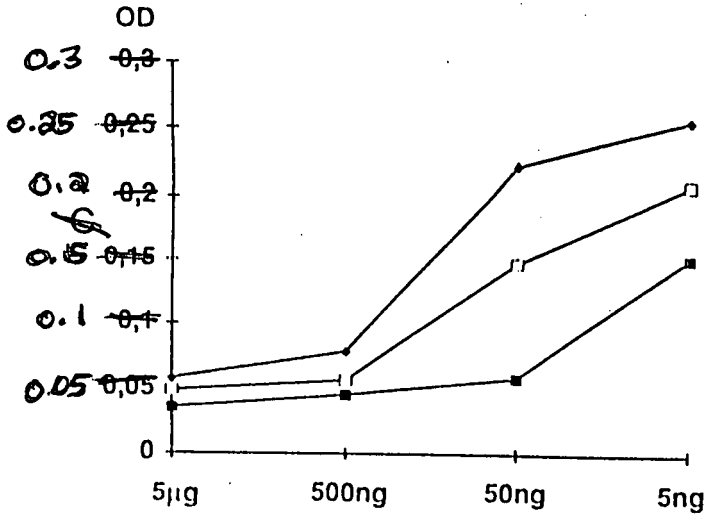


Fig. 5(D)

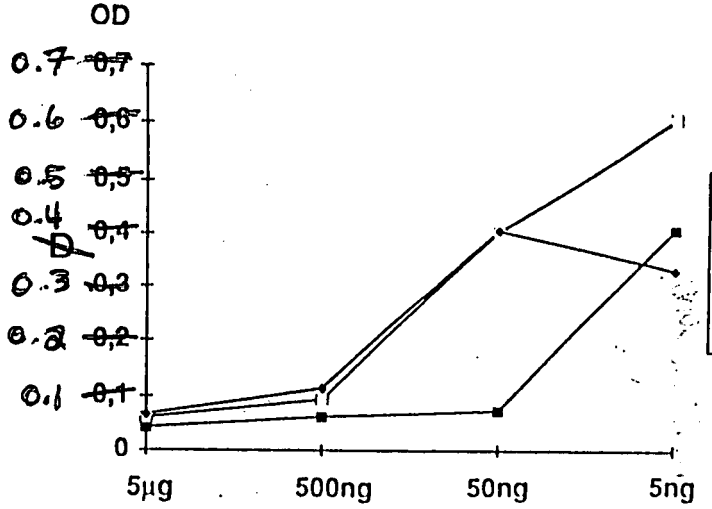


Fig. 4

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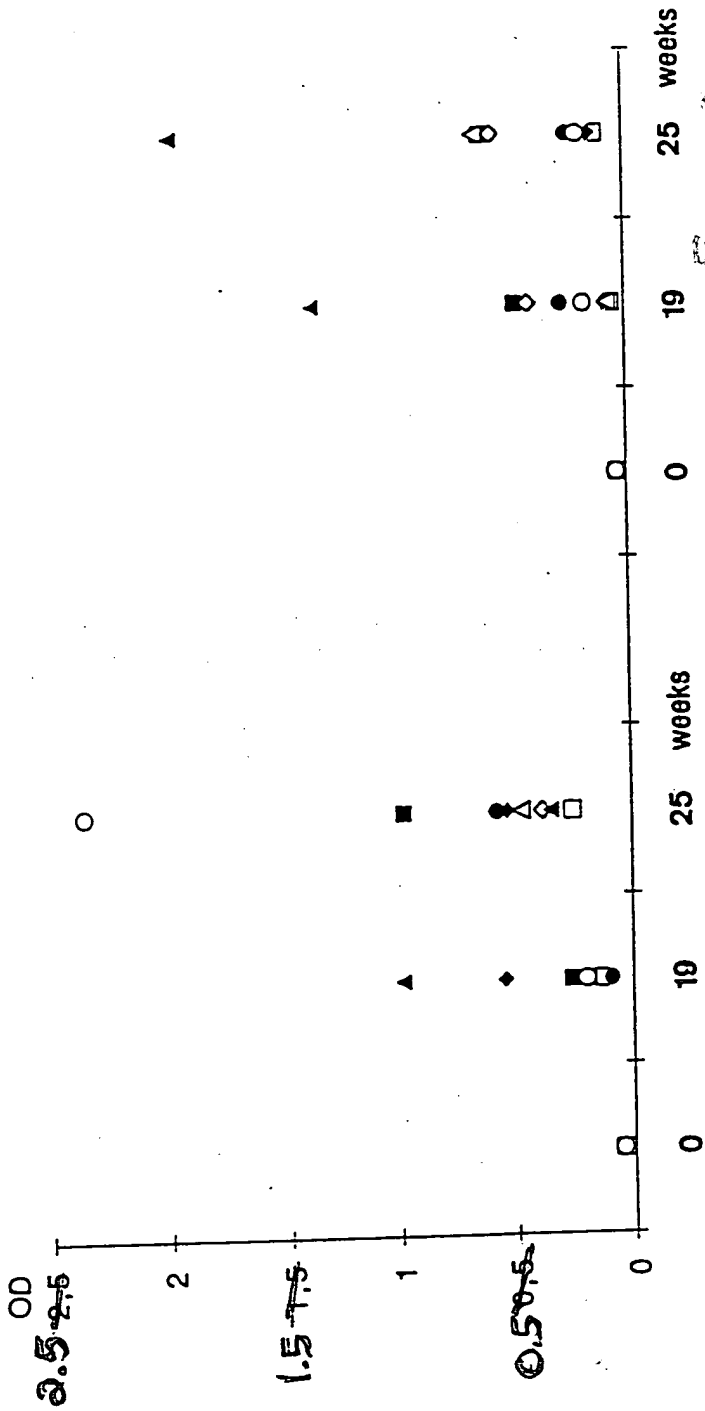


Fig. 5

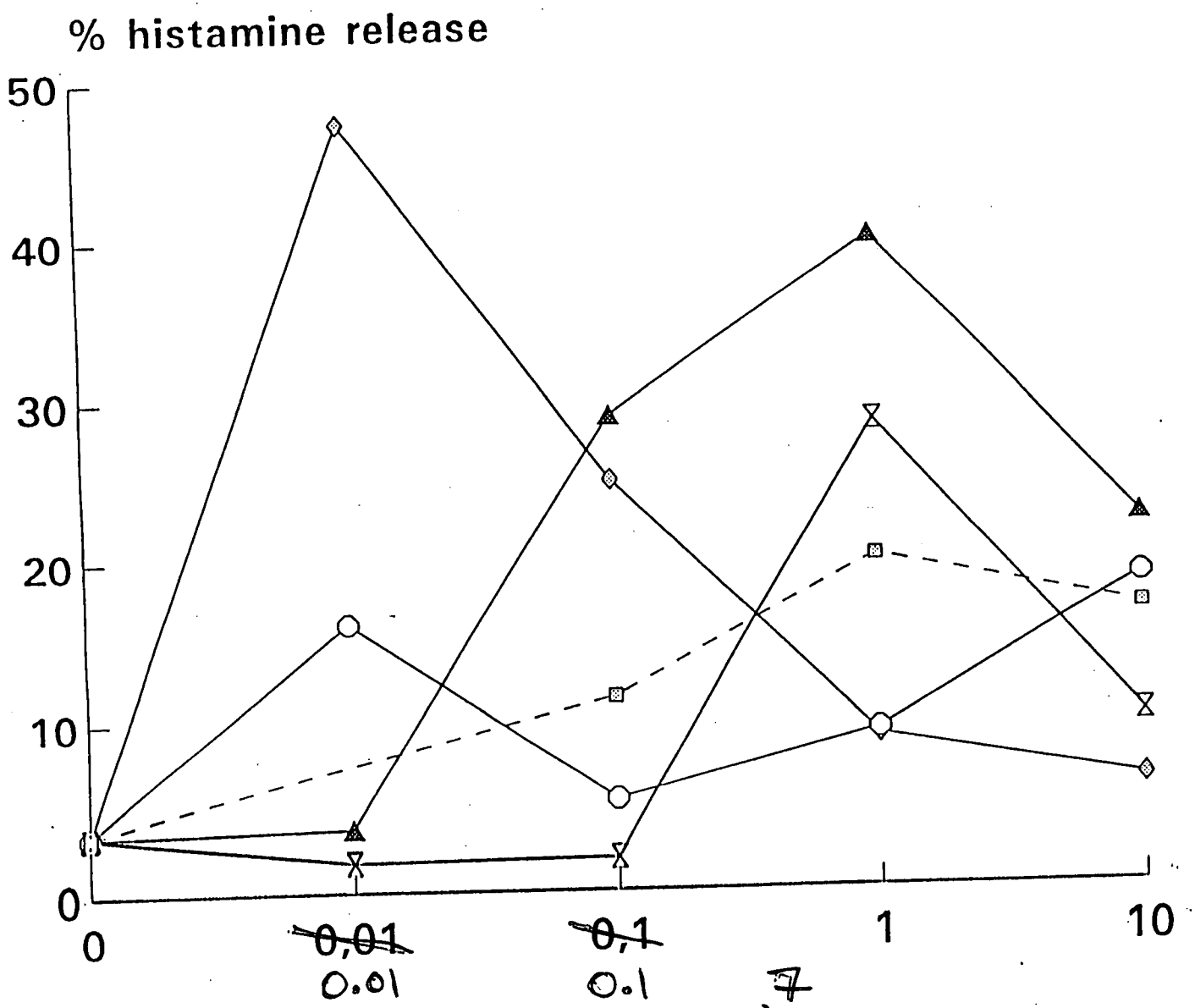
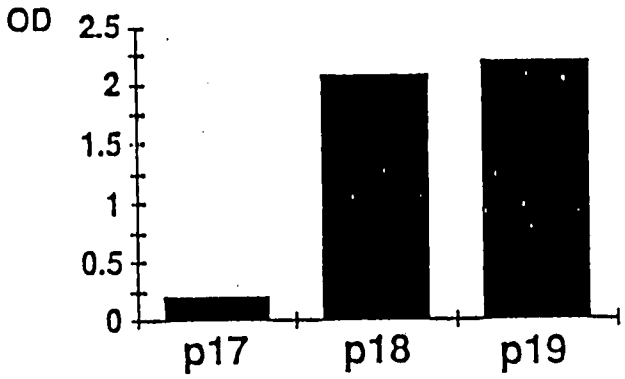

% histamine release
50
40
30
20
10
0
0
0,01
0.01
0,1
0.1
1
10
anti IgE
Bet v 1
Dimer
Trimer
Tetramer

Fig. 6

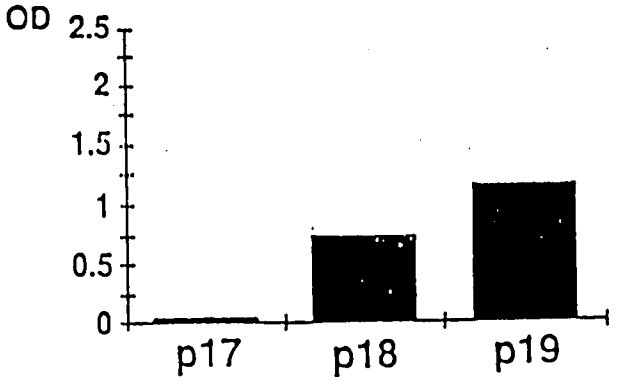
617

Fig. 8(A)



moab A

Fig. 8(B)



moab B

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p17	GPGTIKKISFPE	aa 49-60
p18	TIKKISFPEGFP	aa 52-63
p19	KISFPEGFPFKY	aa 55-66

Fig. 7